

CLAIMS

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

- 1) A Fresh Air Intake "Vent" used on an outside wall, the said vent is then connected to an elongated passage extending through said wall: permitting said fresh air to be drawn into the building through the furnace system said passage having an outer end and an inner end, connecting the said inner end of said passage to the return duct, then connecting the said outer end of the said passage (not shown) to the said "Vent".
- 2) A Fresh Air Intake "Vent" structure as claimed in claim #1 is for permitting said fresh air (80 cfm up to 125 cfm) to pass through the said device, an aluminium frame and grill with a poly med filter to prevent pollens, insects, dust, etc. from passing through, is associated with the said vent structure, the said grill associated with the said aluminium frame has a raised pattern of .075 inches, this said raised pattern allows the frost to build up, also leaving openings in the said grill for permitting said fresh air through the said vent structure without freezing up.
- 3) A Fresh Air Intake "Vent" comprising of said vent structure, being of one complete piece, which is produced of high-density polyethylene with added colorant having ultra violet properties.
- 4) A Fresh Air Intake "Vent" as claimed in claim #3, comprising of a recessed opening of 2 inches on the said vent structure, eliminates vermin from entering into the said opening, included at the base of the said recessed opening is the filter seat of the said vent structure. Protruding from the rear flange of the said recessed opening are two tabs, along with the pull and lock tabs on the front flange of the said recessed opening, stabilize the said filter. A natural slope of the said vent structure allows rain to run off.
- 5) A Fresh Air Intake "Vent" as claimed in claim #4 comprising of a said one piece vent structure with an inverted flange for connecting the said vent structure to the said outer end of the said elongated passage (not shown) for permitting said fresh air to flow through the said vent structure and the said elongated passage.
- 6) A Fresh Air Intake "Vent" as claimed in claim #5 comprising of the said one piece vent structure having an outer flange with six screw holes for mounting on the said outside wall (not shown).

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